

34. (NEW) An electronic camera comprising:

an image capture unit for generating a digital data representation of a captured light image;

a storage device for storing said digital data representation as a frame of image data in the form of an image data file having a variable length, said storage device having stored therein data regarding unused storage capacity of the storage device;

a storage device input/output interface for recording said image data file in said storage device and for reading said data regarding said unused storage capacity;

a mode selection switch having settings which change the length of an image data file to be recorded in said storage device depending on the mode selected;

a digital control unit for examining the unused storage capacity data and the mode selection switch setting to determine the remaining number of frames of image data that can be stored in the unused storage capacity of the storage device based on the variable length of the image data files for said remaining frames as determined by the mode selection switch setting, such examination occurring periodically after the recording of an image data file in the storage device; and

a user display for displaying a number of image frames remaining in the storage device assuming no change to a current mode selection switch setting.

Respectfully submitted,

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